



## Advanced Polymer Design and Manufacturing

Guest Editor:

**Dr. Felice De Santis**

1. Borealis Polyolefine GmbH, Linz, Austria
2. Department of Industrial Engineering, University of Salerno, Fisciano, Italy

Deadline for manuscript submissions:

**closed (31 July 2020)**

### Message from the Guest Editor

The 20th century was considered the Age of Plastic. When going from polymer design to manufacturing and even recycling, to complete the cycle we have to reinvent plastics. Academia and industry have to face this challenge by considering the ability of polymers to modify their properties according to a peculiar structure. This could be hard, but it is also an opportunity; furthermore, it is one of the keys to the success of this class of materials.

The aim of this Special Issue is to collect a number of research or review papers, which can depict the state-of-the-art on the possible correlations between polymer design, processing, structure, and the special properties that the structure induces on the plastic part.

We welcome contributions on the following topics:

- Polymer design;
- The effect of polymer processing on resulting morphology, properties, and recyclability;
- Computational modelling, from synthesis to processing, as a tool for better design.

I hope that this interesting subject will encourage you to submit a manuscript to this Special Issue.





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## Editor-in-Chief

### Prof. Dr. Maryam Tabrizian

1. Department of Biomedical Engineering, Faculty of Medicine and Health Sciences, McGill University, Montreal, QC H3A 2B6, Canada

2. Faculty of Dentistry and Oral Health Sciences, McGill University, 3640 Rue University, Montreal, QC H3A 0C7, Canada

## Message from the Editor-in-Chief

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## Contact Us

*Materials* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
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